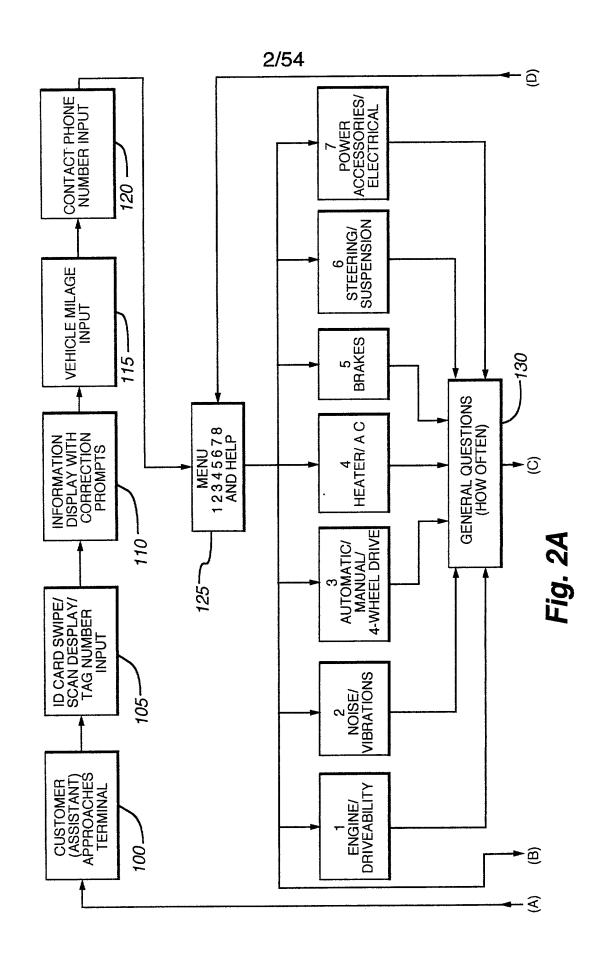
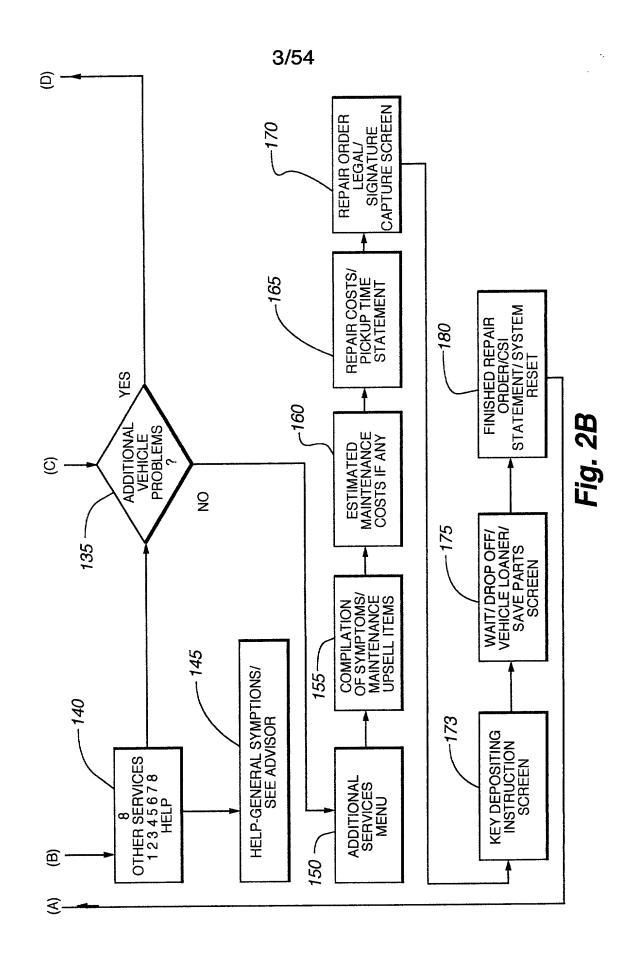
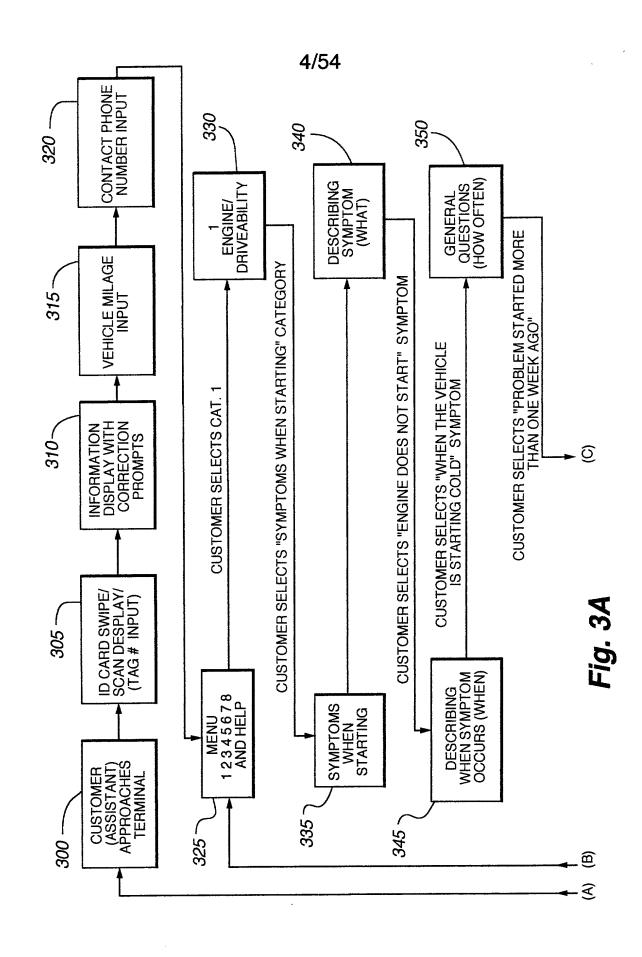


Fig. 1







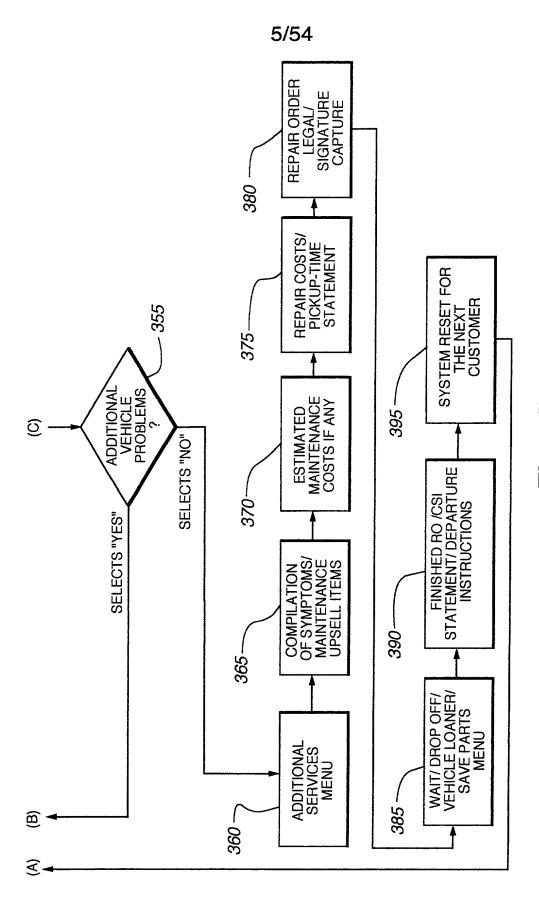
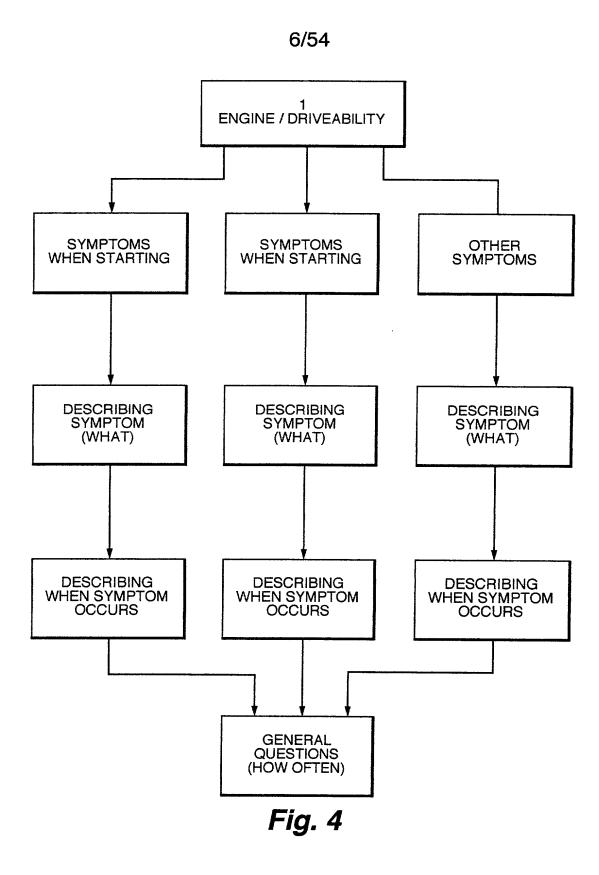
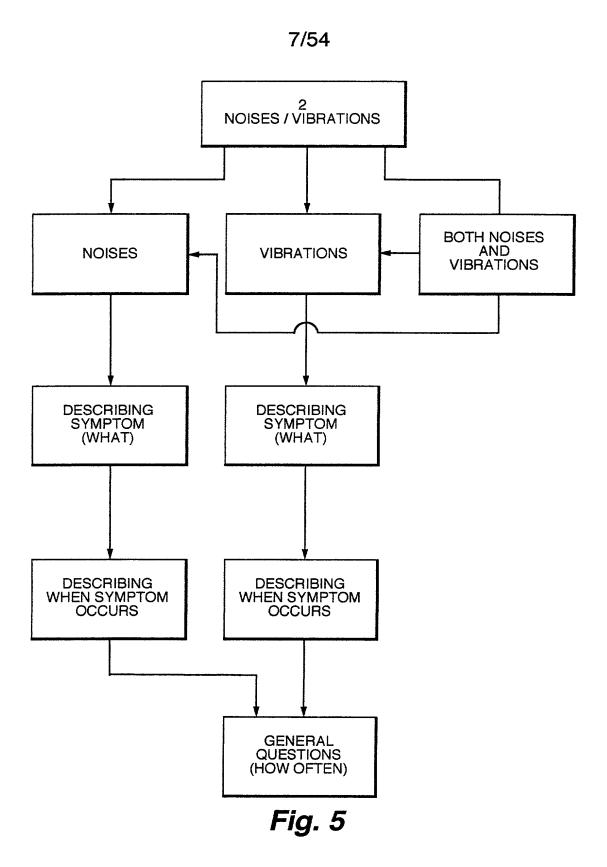


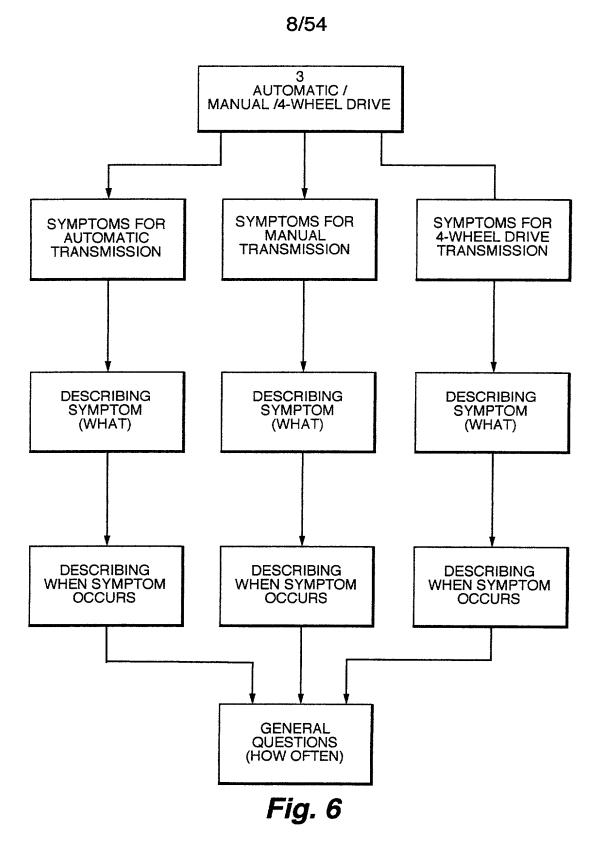
Fig. 3B

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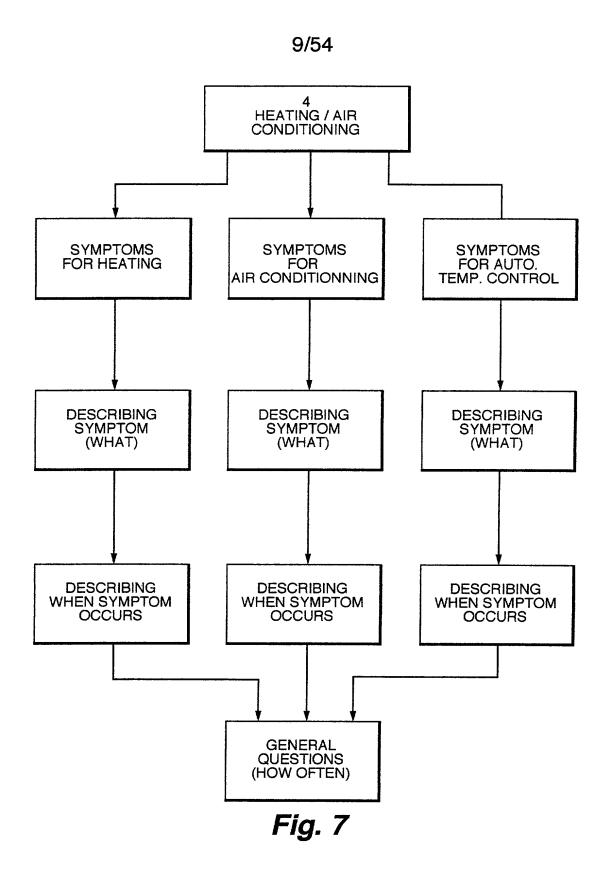


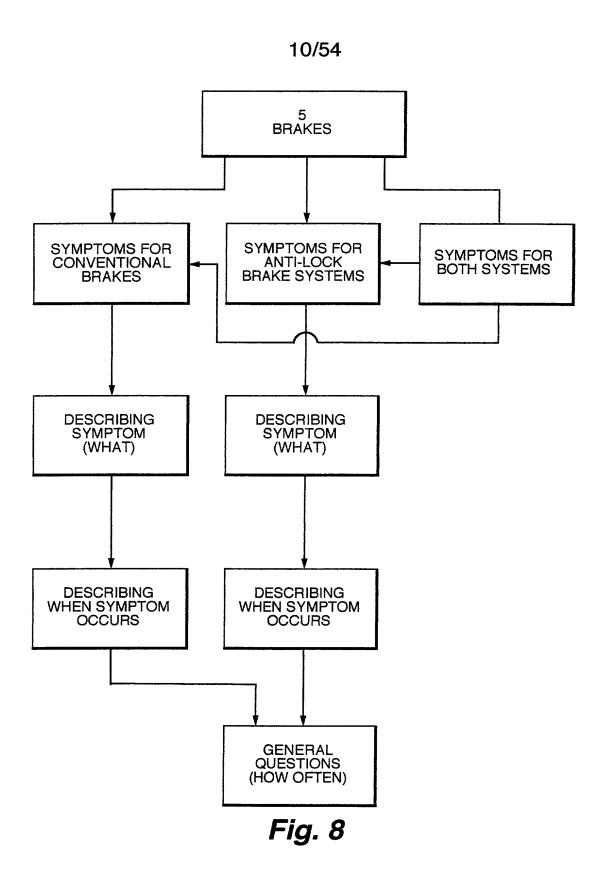
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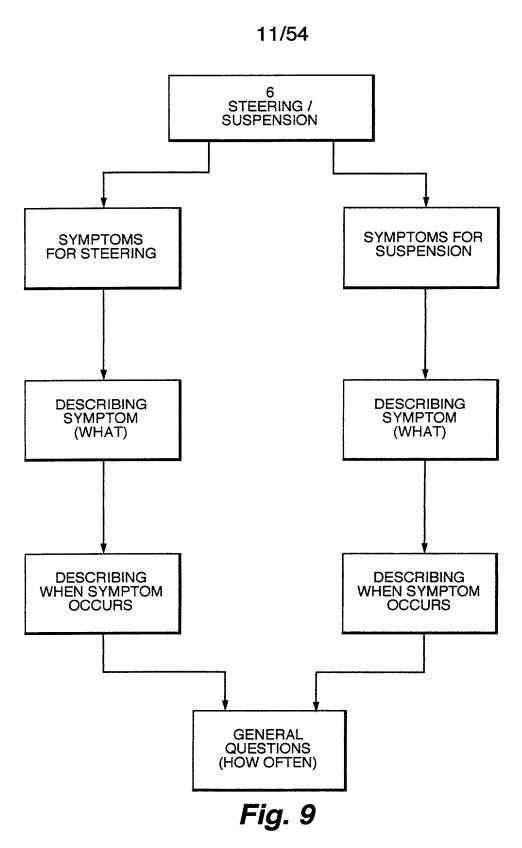


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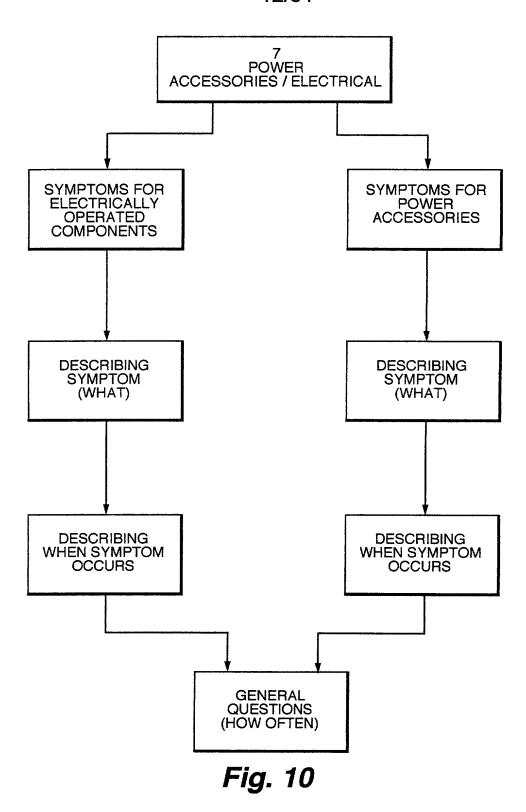


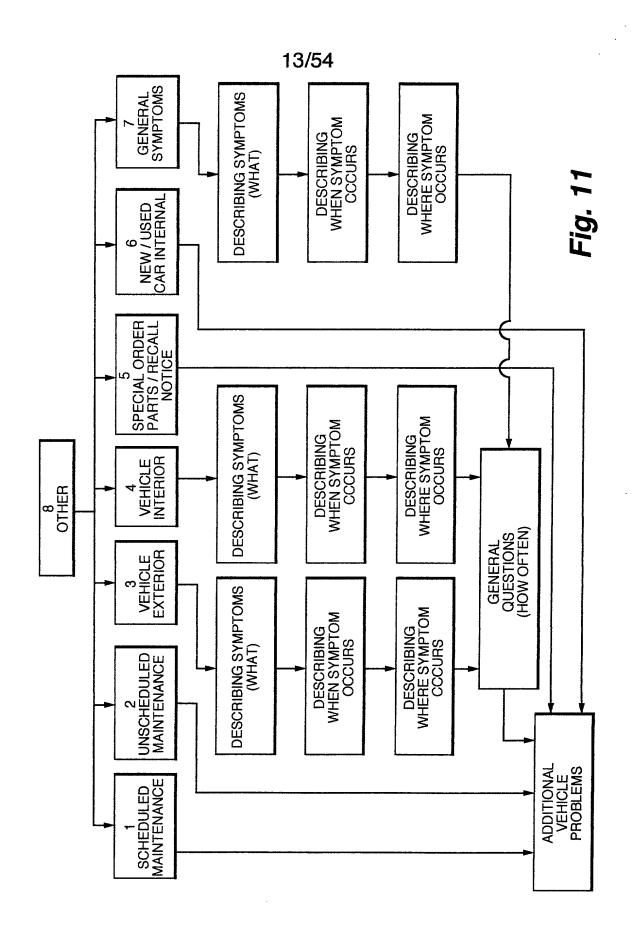
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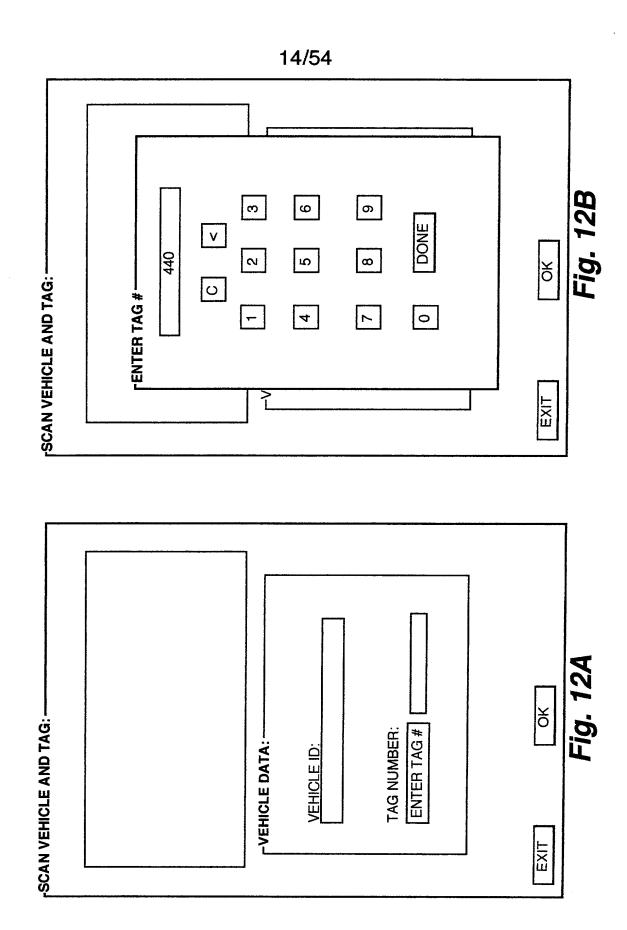


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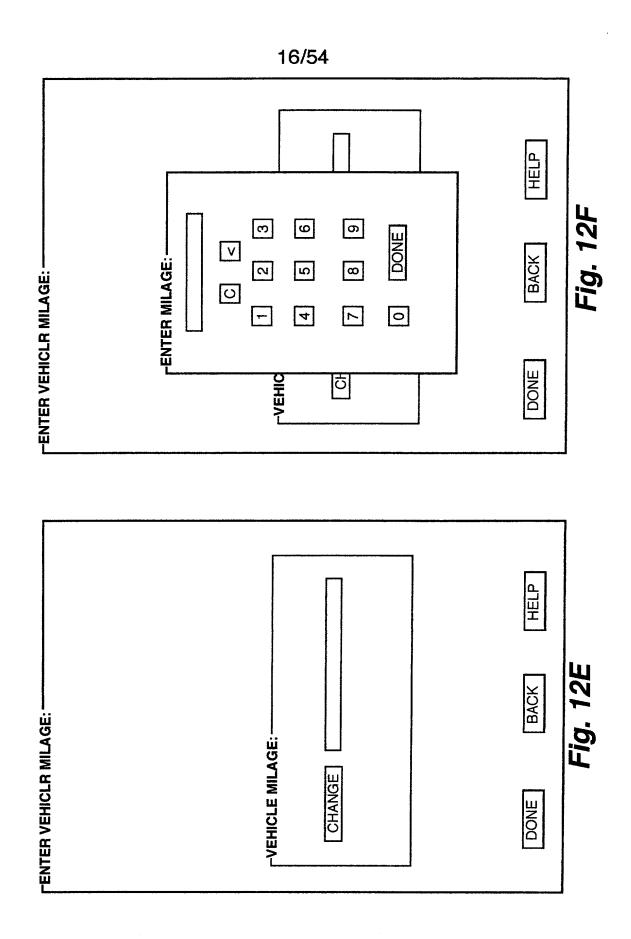






CUSTOMER'S INFORMATION:	CUSTOMER INFORMATION:	JOHN DOE	CHANGE	1234 HIS WAY ST.	CHANGE	ANYTOWN, USA 12345	CUSTOMER VEHICLE ————————————————————————————————————	OK BACK
CUSTOMER'S INFORMATION:	CUSTOMER INFORMATION:	JOHN DOE	CHANGE	1234 HIS WAY ST.	CHANGE	ANYTOWN, USA 12345	CHANGE CITY, STATE, ZIP: ANYTOWN, USA 12345 < 12 3 4 5 6 7 8 9 0 - Q W E R T Y U D P A S D F G H J K L	B N M

Fig. 1



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MENU

N TANEON NO.		
WELCOME TO THE JACK'S BMW. THIS SERVICE EXPRESS WRITER IS DESIGNED TO LESSEN YOUR TIME WAITING FOR SERVICE. AT THE SAME TIME IT INCREASES THE ACCURACY OF THE DESCRIPTION OF YOUR PROBLEM GIVEN TO THE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. WE HOPE YOU ENJOY THE EXPERIENCE. PLEASE ENTER THE PHONE NUMBER(S) WHERE YOU CAN BE REACHED AT TODAY	-PHONE NUMBERS: CHANGE (303)333-4444	DONE BACK HELP

PLEASE INDICATE THE GENERAL AREA IN WHICH
THE PROBLEM IS OCCURRING. IF YOUR VEHICLE
REQUIRES ONLY MAINTENANCE SERVICE, AND
THERE ARE NO PROBLEMS AT THE PRESENT TIME
PLACES PRESS NUMBER EIGHT ON THE SERVICE
MENOU. IF YOU'RE PROBLEM OR REQUEST DOES NOT
FALL WITHIN THE CATERGORIES LISTED, PRESS
NUMBER EIGHT.

2. NOISES / VIBRATIONS

3. AUTOMATIC / MANUAL /4 WHEEL DRIVE
TRANSMISSION

4. HEATER / AIR CONDITIONING

5. BRAKES

6. STEERING / SUSPENSION

7. POWER ACCESSORIES / ELECTRICAL

8. OTHER SERVICES

Fig. 13

		18/54	
SYMPIOMS WHEN STARTING:	SYMPTOMS BELOW.	□ TURNS OVER, BUT DOES NOT START. □ TURNS OVER SLOWIY. □ TURNS OVER PROPERLY, BUT STARTS HARD. □ TAKES TOO LONG BEFORE IT STARTS. □ IMUST PRESS THE GAS PEDAL HARD TO MAKE THE ENGINE START. □ STARTS OK, BUT THAN STALLS. □ NONE OF THE ABOVE STARTING SYMPTOMS.	OK BACK HELP
-ENGINE / DRIVEABILITY SECTION	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. PLEASE TOUCH THE APPROPRIATE NUMBER FOR YOUR VEHICLE'S SYMPTOM. PLEASE ONLY USE THE PEN PROVIDED TO YOU.	1. SYMPTIONS WHEN STARTING 2, SYMPTOMS WHEN DRIVING 3. OTHER SYMPTOMS	1 2 3 BACK HELP

Fig. 14B

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SYMPTIONS WNEN DRIVING: TOUCH THE APPROPRIATE SYMPTOM OR SYMPTOMS BELOW.	☐ HESITATES OR STALLS WHEN SPEEDING UP. ☐ STALLS WHEN I SLOW DOWN OR STOP.	 □ STALLS WHEN TURNING RIGHT OR LEFT. □ LACKS POWER AT HIGHWAY SPEED. □ LACKS POWER BELOW HIGHWAY (CITY) SPEEDS. 	ENGINE BACKFIRES (LOUD POPPING NOISE) ENGINE KEEPS RUNNING WHEN IGNITION KEY IS OFF.	SPEEDS UP OR SLOWS DOWN UNEXPECTEDLY.	☐ NONE OF THE ABOVE DRIVING SYMPTOMS.	OK BACK HELP
WHEN DO YOU NOTICE IT: WHEN DO YOU NOTICE THE SYMPTOMS? TOUCH THE APPROPRIATE BOX OR BOXES, WHEN THE ENGINE TEMPERATURE SHOWS: OCOLD ONORMAL OHOT OANY TEMP	WHEN THE ENGINE'S RPM SHOWS: OBELOW 1000 O1000 TO 2000 O2000 TO 4000 OOVER 4000 RPM ONOT APPLICABLE	OWARMING UP ORESTARTING HOT	THE SYMPTOMS OCCURE WHEN MY VEHICLE'S	OUTO 20 O 20 TO 35 O 35 TO 55 OOVER 55 MPH ODOESN"T MATTER	OVER 10 MILES O 5 TO 10 MILER OOVER 10 MILES O 5 TO 10 MILER	OK BACK HELP

Fig.

		20/54		
NOISE INFORMATION:	LISTED BELOW ARE EXAMPLES OF NOISES COMMONLY FOUND COMING FROM YOUR VEHICLE. TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBES THE NOISES YOU ARE HEARING.	SQUEAK	OK BACK HELP	Fig. 15B
DISE OR VIBRATION SELECTION:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. PLEASE TOUCH THE APPROPRATE NUMBER FOR YOUR VEHICLE'S SYMPTOM.	1. NOISES-WHAT YOU CAN HEAR. 2. VIBRATIONS-WHAT YOU CAN FEEL. 3. BOTH NOISES AND VIBRATIONS.	1 2 3 BACK HELP	Fig. 15A

Fig. 15B

®BOTH

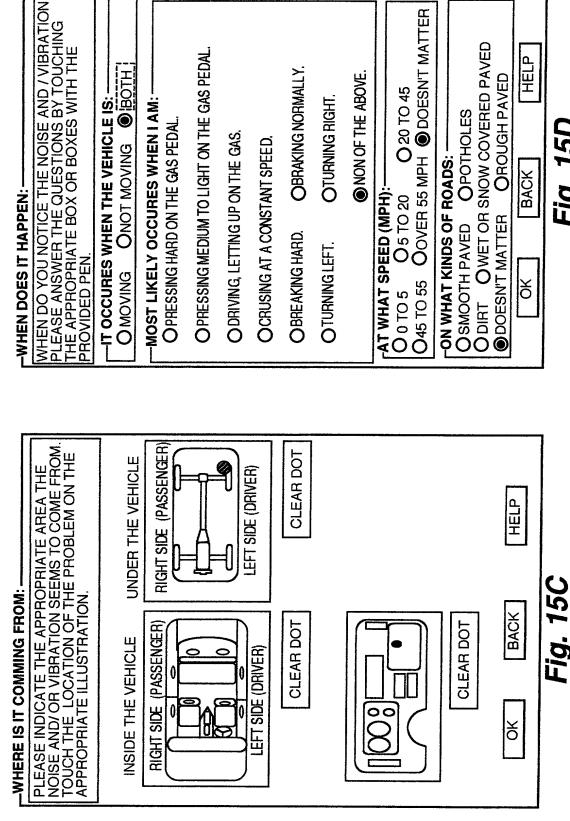


Fig. 15D

HELP

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TRANSMISSION INFORMATION:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. PLEASE TOUCH THE APPROPRIATE NUMBER FOR YOUR VEHICLE'S SYMPTOM. PLEASE ONLY USE THE PEN PROVIDED TO YOU.	1. AUTOMATIC TRANSMISSION 2. MANUAL TRANSMISSION 3. FOUR WHEEL DRIVE	1 2 3 BACK HELP
VIBRATION INFORMATION:	LISTED BELOW ARE EXAMPLES OF VIBRATIONS COMMONLY FOUND COMING FROM YOUR VEHICLE. TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBES THE VIBRATIONS YOU ARE FEELING.	SHAKING SHUDDER THUMPING PULSATION TREMBLING MOAN BOOM ROUGHNESS CLUNK RUMBLE CHATTER SHIMMY THE ABOVE	OK BACK HELP

22/54

Fig. 16A

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AUTOMATIC TRANSMISSION:	FMANUAL TRANSMISSION:
TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPYOM.
DOESN'T SHIFT UP.	DOESN'T GO INTO ANY GEAR
☐ DOESN'T SHIFT DOWN.	CLUTCH SEEMS TO SLIP GOING INTO GEAR
☐ DELAYS ENGAGEMENT IN FORWARD GEAR.	CHATTERS GOING INTO GEAB
☐ DELAYS INGAGEMENT IN REVERSE GEAR.	MAKES A GRINDING NOISE GOING INTO GEAR
☐ SHIFT IS ROUGH OR HARSH.	CLITCH SEEMS HARD TO DEBESS
☐ SHIFT IS SLOW-SEEMS TO SLIP.	
☐ SHIFT IS TOO EARLY.	CLOTOTISEENS SOLITO DEFINESS.
DENGINE RACES OR INCREASES RPM	CLUTCH PEDAL ENGAGES TO LOW
WITELVOTIFIED	
TRANSMISSION MAKES UNUASAL NOISES.	☐ POPS OUT OF GEAR.
OIL OR FLUID LEAK COMING FROM	OIL OR FLUID LEAKING FROR TRANSMISSION.
TRANSMISSION.	MINONE OF THE ABOVE SYMPTOMS:
☐ NONE OF THE ABOVE SYMPTOMS.	
OK BACK HELP	OK BACK HELP

DOESN'T SHIFT INTO 4WD HI DOESN'T SHIFT INTO 4WD LOW. MAKES A GRINDING NOISE GOING INTO 4WD. 4WD LIGHT DOESN'T COME ON. 4WD FRONT HUBS DON'T ENGAGE. HARD TO TAKE OUT OF 4WD. INONE OF THE ABOVE SYMPTOMS. TH	WHEN DO YOU NOTICE THE SYMPTOM(S). TOUCH THE APPROPRIATE BOX OR BOXES BELOW. IN WHAT GEAR DOES THE SYMPTOM SHOW: AUTOMATIC TRANSMISSION: OPARK OREVERSE ONEUTRAL OOD OD O2 O1 © ANY GEAR. OTO O2 O3 O4 O5 O6 ONEUTRAL ©ANY GEAR THE SYSTEM SHOWS WHEN THE VEHICLE IS: OTURNING OSLOWING DOWN ODRIVING UPHILL THE SYMPTOM OCCURS WHEN I DRIVE FOR: OUNDER 5 MILES OVER 10 MILES
BACK HELP	OK BACK HELP

Fig. 16E

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-HEATING SYSTEMS:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	☐ TEMPERATURE CONTROL SELECTOR IS HARD TO MOVE.	☐ VENT CONTROL SELECTOR IS HARD TO MOVE.	DOESEN'T DELIVER HOT AIR.	☐ TAKES TOO LONG TO DELIVER HOT AIR.	DEFROST INOPERABLE OR FOGS UP.	DENGINE TRIMPERATURE GUAGE DOESN'T MOVE OFF OF COLD.	UNUSUAL ODORS WHEN OPERATING.	LIFAIR DOESN'T FLOW FROM ALL OUTLETS PROPERLY.	☐ NONE OF THE ABOVE SYMPTOMS.	OK BACK HELP	
HEATER / AIR CONDITIOMING:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE IN EASE TO INJUITE APPROPRIATE	JMBER FOR YOUR VEHICLE'S SYMPTOM. EASE ONLY USE THE PEN PROVIDED TO YOU.			1. HEATING SYSTEM.	A LITO TEMBEBATION ON TO LEIM.					1 2 3 BACK HELP	

Fig. 17B

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FAUTOMATIC TEMPERATURE CONTROL SYSTEM:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.		☐ TEMPERATURE READING IS INACCURATE.	☐ BUTTONS ON THE CONTROL UNIT ARE INOPERABLE.	TAKES TOO LONG TO DELIVER ACCURATE TEMPERATURE.	[] NONE OF THE ABOVE SYMPTOMS.							OK BACK HELP	
AIR CONDITIONING SYSTEMS:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	•	☐ TEMPERATURE CONTROL SELECTOR IS HARD TO MOVE.	☐ VENT CONTROL SELECTOR IS HARD TO MOVE.	DOESN'T DELIVER COLD AIR.	TAKES TOO LONG TO DELIVER COLD AIR.	☐ TEMPERATURE CHANGES UNEXPECTEDLY.	UNUSUAL ODORS WHEN OPERATING.	DOESN'T FLOW FROM ALL OUTLETS PROPERLY.	☐ A/C COMPRESSOR SEEMS TO CYCLE TOO OFTEN.	DINONE OF THE ABOVE SYMPTOMS.		OK BACK HELP	Eig 170

OK BACK HELP
WHEN THE VEHICLE TEMPETATURE IS: OCOLD ONORMAL OHOT @ DOESN'T MATTER
WHEN THE VEHICLE IS: O STOPPED O ACCELERATING FROM STOP O MOVING ODECELERATING ODOESN'T MATTER
-Wiley The Velice of 10.
WHEN I AM MOVING THE SELECTOR OR CHANGING THE TEMPERATURE:
O DEFROST ODESN'T MATTER
WHEN THE TEMPERATURE CONTROL IS:
WHEN THE SELECTOR CONTROL IS: O FLOOR OMIX OVENT ODEFROST O DOESN'T MATTER
WHEN DO YOU NOTICE THE SYMPTOM(S). TOUCH THE APPROPRIATE BOX OR BOXES BELOW.
When boed I harren:

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		28/54		
-CONVENTIAL BRAKE SYSTEM	TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBES WHAT YOU ARE NOTICING.	□ BRAKE PEDAL SEEMS TO PULSATE. □ PULLS RIGHT OR LEFT WHEN STOPPING. □ GRINDING NOISE WHEN STOPPING. □ SQUEAKS WHEN STOPPING. □ BRAKE PEDAL FADES (GOES TO THE FLOOR) □ BRAKE PEDAL SEEMS LOW. □ BRAKE LIGHT ON. □ □ BRAKE LIGHT ON. □ □ NONE OF THE ABOVE SYMPTOMS.	OK BACK HELP	Fig. 18B
BRAKE SYSTEM:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. PLEASE TOUCH THE APPROPRIATE NUMBER FOR YOUR VEHICLE'S SYMPTOMS.	1. CONVENTIAL BRAKE SYSTEM. 2. ANTI LOCK BRAKE SYSTEM. 3. BOTH SYSTEMS.	1 2 3 BACK HELP	Fig. 18A

Fig. 18B

-		30/54	
-STEERING INFORMATION:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	☐ STEERING WHEEL SHAKES WHILE DRIVING. ☐ VEHICLE PULLS LEFT WHILE DRIVING. ☐ VEHICLE WANDERS LEFT OR RIGHT WHILE DRIVING. ☐ STEERING WHEEL IS OFF-CENTER. ☐ TIRES ARE WEARING ABNORMALLY. ☐ STEERING WHEEL SEEMS HARD TO TURN. ☐ POWER STEERING MAKES ABNORMAL NOISES. ☐ NONE IF THE ABOVE SYMPTOMS.	OK BACK HELP
STEERING AND SUSPENSION:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR VEHICLE. PLEASE TOUCH THE APPROPRIATE NUMBER FOR YOUR VEHICLE'S SYMPTOM. PLEASE ONLY USE THE PEN PROVIDED TO YOU.	1. STEERING 2. SUSPENSION	1 2 BACK HELP Fig. 19A

Fig. 19B

1.4

	WHEN DO YOU NOTICE THE SYMPTOM(S). TOUCH THE APPROPRIATE BOX OR BOXES BELOW.	WHEN THE VEHICLE IS: OACCELERATING OSLOWING DOWN OR STOPPING OTURNING OTURNING ON PAVED ROADS OTURNING ON DIRT OR ROUGH ROADS OFFICE SPEED IS: WHEN THE VEHICLES SPEED IS: ONOT MOVING O 0 TO 10 MPH O 10 TO 35 MPH O 35 TO 50 MPH OOVER 55 MPH	OK BACK HELP	
-SUSPENSION INFORMATION:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	FRONT END BOUNCES EXCESSIVELY WHILE DRIVING. REAR END BOUNCES EXCESSIVELY WHILE DRIVING. RIGHT FRONT SEEMS TO SAG. LEFT FRONT SEEMS TO SAG. LEFT REAR SEEMS TO SAG. SUSPENSION NOISE OVER BUMPS. SUSPENSION SEEMS TOO SOFT. AUTO RIDE CONTROL LIGHT COMES ON. NONE OF THE ABOVE SYMPTOMS.	121	707 ZIJ

Fig. 19D

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ELECTRICALLY OPERATED COMPONENTS	TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBE THE AREA OF THE SYMPTOM	□ EXTERIOR LIGHT(S).	☐ INTERIOR LIGHT(S)	☐ WARNING GUAGES OR LIGHTS.	☐ HORN OR CIGAR LIGHTER / POWER SOCKET.	☐ WINDSHIELD WIPERS / WASHERS.	CIREAR WINDOW DEFROSTER	IF THE ABOVE DOESN'T SEEM TO DESCRIBE THE PROBLEM, TOUCH "BACK" THEN SELECT "POWER ACCESSORIES "AND LOOK THERE FOR A BETTER DESCRIPTION.		OK BACK HELP	
-ELECTRICAL INFORMATION:	THE FOLLOWING QUESTIONS ARE DESIGNED TO DELIVER VALUABLE INFORMATION TO THE SERVICE TECHNICIAN WHO WILL WORK ON YOUR	VEHICLE. PLEASE TOUCH THE APPROPRIATE NUMBER FOR YOUR VEHICLE'S SYMPTOM. PLEASE ONLY USE THE PEN PROVIDED TO YOU.				1. ELECTRICALLY OPERATED COMPONENTS.	1. POWER ACCESSORIES.			1 BACK HELP	

_		 					<u>ی</u>	3/3·	4 				
ARCH:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE PROBLEM.	☐OUT OF ADJUSTMENT	☐ BROKEN	□ CRACKED	□WARPED		COLOR FADES	PEELING	□ PITTED	K DOESN'T WORK	THE ABOVE	BACK	
LETS NARROW THE SEARCH:-	TOUCH THE APPROPRING DESCRIBES THE PROB	☐SCRATCHED	MISSING	LEAKS AIR	☐LEAKS WATER	☐ TORN	BLEMISHED	LIFT MECHANISM	☐ FOLD MECHANISM	MON'T LOCK / UNLOCK	NONE OF THE ABOVE	Ş M	
INFORMATION:	TOUCH THE APPROPRIATE BOX OR BOXES THAT DESCRIBES THE SYMPTOM.	ARM SYSTEM.	POWER MIRRORS.	PS / INTERIOR LIGHTING.	TMENT/ COMFORT.	OWER ANTENNA.	LOCKS / SUNROOF.		VT SEEM TO DESCRIBE THE	PROBLEM, TOUCH "BACK" THEN SELECT "ELECTRICALLY OPERATED COMPONENTS" AND LOCK THERE FOR A RETTER DESCRIPTION	A BELLEH DESCHIPTION.	BACK	
POWER ACCESSORIES INFORMATION:	TOUCH THE APPROPR DESCRIBES THE SYMF	LKEYLESS ENTRY / ALARM SYSTEM	☐ LIGHTED MIRRORS / POWER M	☐ AUTO DIM HEADLAMPS / INTERI	☐ POWER SEAT ADJUSTMENT/ COMFORT.	☐ AUDIO SYSTEMS / POWER ANTENNA.	☐ POWER WINDOWS / LOCKS / SU	CRUSE CONTROL.	IF THE ABOVE DOESN	PROBLEM, IOUCH "B "ELECTRICALLY OPE AND LOOK THEBE FO	באים בססא זו ובער גס	Š	

Fig. 20D

SELECT THE AREA IT IS LOCATED IN: TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBES WHERE THE PROBLEM IS LOCATED. PLEASE TOUCH THE AREA WHERE THE SYMPTOMS OCCURES. RIGHT SIDE (PASSENGER)	LEFT SIDE (DRIVER) CLEAR DOT OK BACK HELP
WHEN DOES IT HAPPEN: WHEN DO YOU NOTICE THE SYMPTOM(S). TOUCH THE APPROPRIATE BOX OR BOXES BELOW. I WHEN I TURN THE SWITCH ON OR OFF. WHEN I TRY TO MAKE AN ADJUSTMENT. WHEN I START THE VEHICLE. WHEN I TRY TO SET THE CONTROL.	WHEN I OPEN A PASSENGER SIDE DOOR. WHEN I OPEN THE TRUNK / HOOD. WHEN I TURN THE HEAD LIGHTS ON. NONE OF THE ABOVE.

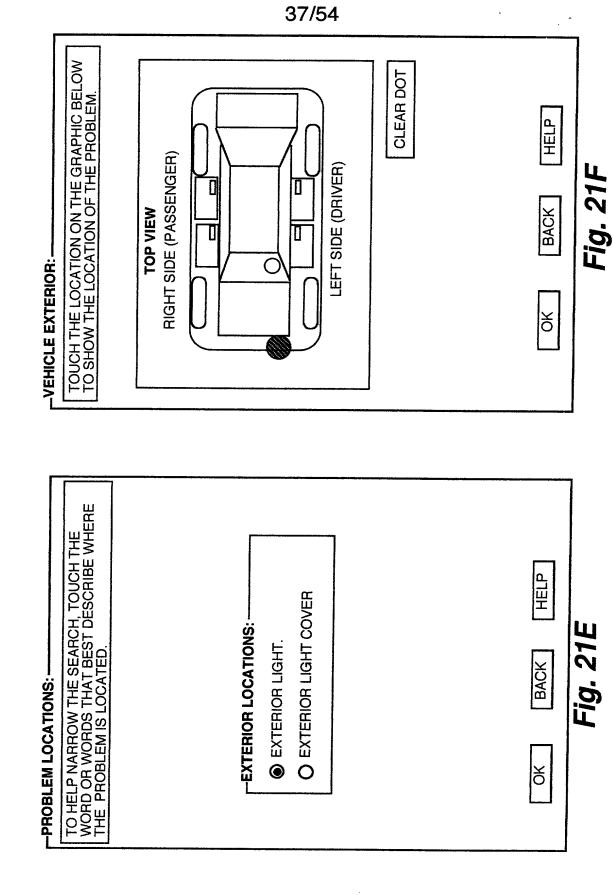
SCHEDULED MAINTENANCE: YOUR VEHICLE'S CLOSEST SCHEDULED MAINTENANCE SERVICE HAS BEEN HIGHLIGHTER BELOW. PLEASE CHOOSE THE SERVICE YOU	WISH TO HAVE PERFORMED BY TOUCHING THE APPROPRIATE MILAGE. REFER TO YOUR MAINTENANCE SCHEDULE BOOKLET TO VIEW THE ITEMS PERFORMED IN THE SERVICE. IF YOU WISH TO CHANGE ANY PART OF THE SERVICE, SELECT HELD THEN #3	YOR ENTERED MILAGE IS: 12,500	● 12,000 MILES O 18,000 MILES	O6,000 MILES O 24,000 MILES	BACK
YOUR VE MAINTEN BELOW	APPROPF MAINTEN THE ITEM WISH TO	>	1 2,0	O6,0C	ð
OTHER SERVICES AVAILABLE: PLEASE SELECT THE CATEGORY OF THE PROBLEM YOU ARE OBSERVING WITH YOUR VEHICLE.	1. SCHEDULED MAINTENANCE. 2. UNSCHEDULED MAINTENANCE: 3. VEHICLE EXTERIOR	4. VEHICLE INTERIOR. 5. SPECIAL ORDER PARTS/ RECALL NOTICE. 6. NEW OR USED CAR INTERNAL.	7. GENERAL PROBLEMS.	1 2 3 4 5 6 7	BACK HELP

Fig. 21B

									
KT TO THE WOULD LIKE O YOUR VEHICLE'S KLET FOR MORE S BELOW. OR YOU SHEET FROM ONE RVICE AISLE.	\$ 35.00	\$ 55.00	\$ 85.00	\$100.00	\$125,00	\$ 35,00	\$ 75.00	\$35.00	HELP
D MAINTENANCE: OX OR BOXES NEXT TO TEST SERVICES YOU WOULD PLEASE REFER TO YOUR SCHEDULE BOOKLET FOR THE SERVICES BELCT A MAINTENANCE SHEET TANTS ON THE SERVICE		<u>:</u> S:	LES:	LES:	LES:	fENT, 2 WHEEL:	1ENT, 4 WHEEL:	TION:	BACK
TOUCH THE BOX OR BOXES NEXT TO THE APPROPRIATE SERVICES YOU WOULD LIKE PERFORMED. PLEASE REFER TO YOUR VEHI MAINTENANCE SCHEDULE BOOKLET FOR MO INFORMATION OF THE SERVICES BELOW. OF CAN REQUEST A MAINTENANCE SHEET FROM OF THE ASSISTANTS ON THE SERVICE AISLE.	☐ EVERY 3000 MILES:	☐ EVERY 6000 MILES:	☐ EVERY 15,000 MILES:	☐ EVERY 30,000 MILES:	☐ EVERY 60,000 MILES:	☐ VEHICLE ALIGNMENT, 2 WHEEL:	☐ VEHICLE ALIGNMENT, 4 WHEEL:	☐ VEHICLE INSPECTION:	ŏ

<u> </u>	-VERICLE EXTERIOR:
	THIS SECTION INCLUDES THE VEHICLE'S BODY AND RELATED EXTERIOR PARTS. PLEASE TOUCH THE APPROPRIATE AREA IN WHICH THE PROBLEM IS OCCURRING.
	O BODY PANELS FIT AND FINISH.
	O EXTERIOR SEALS (DOORS, SUNROOF, TRUNK, ETC.)
	O PLASTIC TRIM AND MOLDINGS.
	O EXTERIOR MIRRORS, HANDLES, LOCKS AND BUTTONS.
	O WHEELS OR SPARE WHEEL CARRIERS.
	O PAINT AND / OR CLEARCOAT.
	O REMOVEABLE HARDTOP / SOFT TOP CONVERTABLE.
	O WINDSHIELD OR WINDOWS.
	● EXTERIOR LIGHTS OR LIGHT COVERS.

Fig. 2



PROBLEM LOCATION:TO HELP NARROW THE SEARCH, TOUCH THI WORD OR WORDS THAT BEST DESCRIBE WE THE PROBLEM IS LOCATED.	INTERIOR LIGHT. O INTERIOR INSTRUMENT LIGHT.	OK BACK HELP
EHICLE INTERIOR: THIS SECTION INCLUDES THE VEHICLE'S INTERIOR AND TRUNK AREA. PLEASE TOUCH THE APPROPRIATE NUMBER IN WHICH THE PROBLEM S OCCURRING.	O SEATS OR SEAT CUSHIONS. O CARPETING OR FLOOR MATS. O DOOR PANELS OR INTERIOR SIDE PANELS. O INTERIOR TRIM OR HEADLINER. O DASH PANEL OR INSTRUMENT PANEL. O INTERIOR KNOBS, HANDLES AND LATCHES. O INTERIOR SWITCHES, BUTTONS, LOCKS AND SLIDES. O WINDSHELD OR WINDOWS. O WINDSHELD OR WINDOWS.	OK BACK HELP

Fig. 21H

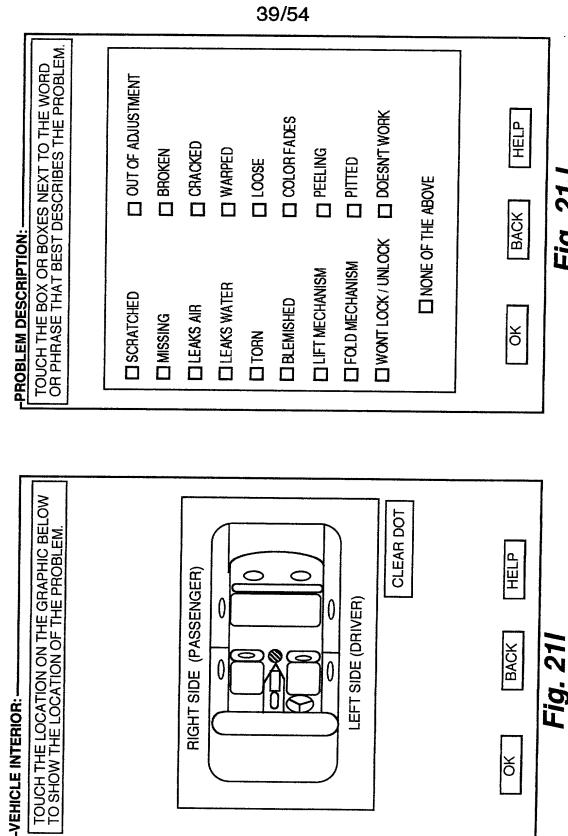


Fig. 21J

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NEW / USED CAR INTERNAL:	ORDER", PRESS ONE. IF YOU HAVE A "USED CAR INTERNAL REPAIR ORDER". PRESS TWO. PLEASE PLACE THE REPAIR ORDER ON THE DASHBOARD OF YOUR VEHICLE.	□ NEW CAR INTERNAL. □ USED CAR INTERNAL.	OK BACK HELP	Fig. 21L
SPECIAL ORDER / RECALL NOTICE:	AN ORDERED PART, TOUCH ONE. IF YOU HAVE RECEIVED A MANUFACTURER'S RECALL NOTICE REGARDING YOUR VEHICLE, TOUCH TWO. PLEASE PLACE THE NOTICE ON THE DASHBOARD AREA OF YOUR VEHICLE FOR THE SERVICE TECHNICIAN.	SPECIAL ORDER PARTS NOTICE.	OK BACK HELP	Fig. 21K

TOUCH THE BOX NEXT TO THE WORD OR PHRASE THAT BEST DESCRIBE THE PROBLEM. ☐ OUT OF ADJUSTIMENT ☐ DOESN'T WORK COLOR FADES HELP ☐ CRACKED ☐ PEELING ☐ WARPED ☐ BROKEN 35001 ☐ NONE OF THE ABOVE BACK □ WONT LOCK / UNLOCK ☐ FOLD MECHANISM ☐ LIFT MECHANISM -THINGS YOU SEE: -☐ LEAKS WATER ☐ SCRATCHED ☐ BLEMISHED ☐ LEAKS AIR ☐ MISSING ☐ TORN 엉 THIS SECTION OFFERS YOU A GENERAL DESCRIPTION OF THE VEHICLE'S PROBLEM AND PROVIDES THE TECHNICIAN WITH VITAL INFORMATION TO BEGIN A SUCCESSFUL REPAIR. IF YOU CAN'T FIND YOUR VEHICLE'S SYMPTOM IN THE MAIN MENU, PROCEED TO THE NEXT SCREEN BY TOUCHING OK BELOW, OR SEE YOUR SERVICE ADVISOR. THERE ARE FOUR MAIN SENSES YOU HAVE THAT INDICATE A PROBLEM WITH YOUR VEHICLE. PLEASE CHOOSE THE MOST APPROPRIATE SENSE BELOW. HELP 3. THINGS YOU SMELL 2. THINGS YOU HEAR. 4.THINGS YOU FEEL BACK 1. THINGS YOU SEE. Fig. 21M ۵ 4 ~

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Fig. 21N

			42/54	
THINGS YOU SMELL:	TOUCH THE BOX NEXT TO THE WORD OR PHRASE THAT BEST DESCRIBE THE PROBLEM.	LIANO CANAGITA	 □ BURNING SMELL □ RAW FUEL SMELL □ ROTTEN-EGG SMELL □ EXHAUST LEAK □ ENGINE COOLANT SMELL □ BURNING BRAKE SMELL □ BURNING CLUTCH SMELL □ BURNING RUBBER SMELL □ BURNING RUBBER SMELL □ NONE OF THE ABOVE SYMPTOMS. 	OK BACK HELP
<u> </u>	TOUCH THE BOX NEXT TO THE WORD OR PHRASE THAT BEST DESCRIBE THE PROBLEM.		CLICK GRIND CLICK GRIND GROWL RNOCK NETAL CLANG RUMBLE THE ABOVE	BACK HELP
THINGS YOU HEAR:	TOUCH THE BOX NEXT THAT BEST DESCRIBE		□ SQUEAK □ RATTLE □ WHISTLE □ HUM □ BUZZ □ CHIRP □ SQUEAL □ CLUNK	ð

Fig. 21P

-WHEN DOES IT HAPPEN:	WHEN DO YOU NOTICE THE SYMPTOMS ? TOUCH THE APPROPRIATE BOX OR BOXES.	SI DISTANTA	O ACCELERATING O SLOWING DOWN OR STOPPING	O TURNING ON PAVED ROADS	O TURNING ON DIRT ROADS O DOESN'T MATTER			<u>ပ</u>	O 10 TO 35 MPH O 25 TO 50 MPH	O OVER 55 MPH	OK BACK HELP
	MPLES OF VIBRATIONS IING FROM YOUR PROPRIATE BOX OR RIBE THE VIBRATION(S)		SHUDDER	☐ PULSATION	MOAN	☐ ROUGHNESS	☐ TINGLING	☐ RUMBLE	SHIMMY	☐ NONE OF THE ABOVE	K HELP
-THINGS YOU FEEL:	LISTED BELOW ARE EXAMPLES OF VIBRATIONS COMMONLY FOUND COMING FROM YOUR VEHICLE. TOUCH THE APPROPRIATE BOX OR BOXES THAT BEST DESCRIBE THE VIBRATION(S) YOU ARE FEELING.		SHAKING	THUMPING	TREMBLING	₩OOM	D BUZZING	CLUNK	☐ CHATTER		OK BACK

Fig. 21R

a...1

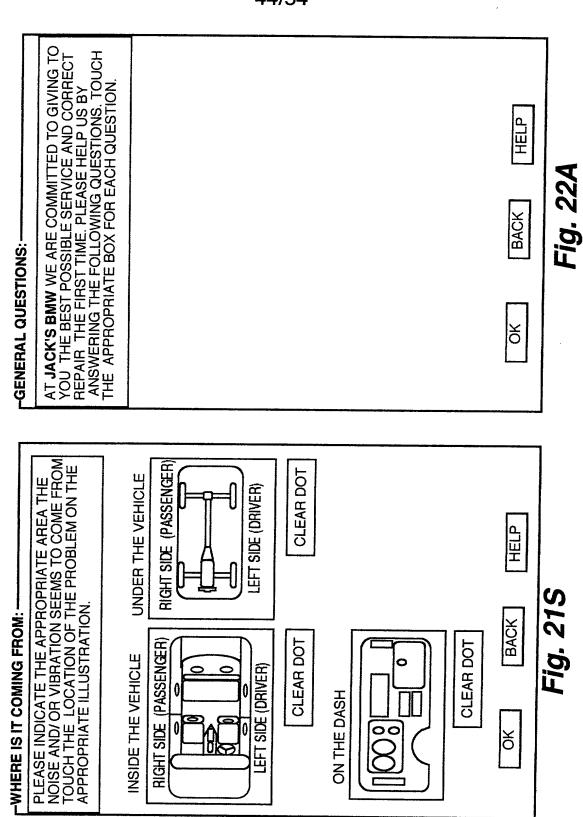


Fig. 21S

WHEN DO YOU NOTICE THE SYMPTOMS? TOUCH		HOW MANY TIMES HAS THE PROBLEM BEEN —	ONCE OTHREE TIMES AND OVER		-APPROXIMATELY HOW LONG AGO:	A FEW DAYS AGO OA WEEK TO TWO WEEKS OA FEW WFFKS OMONTH AGO		S: HAS THE PROBLEM BEEN LOOKED AT BY ANYONE OTHER THAN THIS SERVICES DEPARTMENT: OTHER THAN THIS SERVICES DEPARTMENT:	OK BACK HELP	
PLEASE TELL US ABOUT THE SYMPTOMS.	-HOW OFTEN DOES THE SYMPTOM SHOW UP:		WHEN DID THE PROBLEM BEGIN:	O AFTER LAST REPAIR	O A FEW DAYS AGO O MORE THAN A WEEK	O A FEW WEEKS O MORE THAN A MONTH AGO	HAS THE PROBLEM BEEN WORKED ON BEFOFE: OYES ONO	WHEN THE PROBLEM OCCURES, THE WEATHER IS: OHOT OHUMID OR RAINY OCOOL OFREEZING COLD ODOESN'T MATTER	OK BACK HELP	Fia. 22B

Fig. 22C

Fig. 24

-YOUR REPAIR ORDER:	LOOK OVER THE FOLLOWING PANELS. THEY HOLD A SUMMARY OF THE INFORMATION YOU JUST ENTERED. IF THE DESCRIPTIONS DON'T LOOK CORRECT TOUCH THE MODIFY BUTTON, IF YOU WANT TO DELETE ONE TOUCH DELETE.	USE THE "PREVIOUS" AND "NEXT" BUTTONS, BELOW, TO VIEW ITEMS NOT SHOWN.	SCHEDULED MAINTENANCE DELETE:	SCHEDULED MAINTENANCE AT: 12,000 MILES	PREVIOUS	OK BACK HELP
OUR REPAIR ORDER:	LOOK OVER THE FOLLOWING PANELS. THEY HOLD A SUMMARY OF THE INFORMATION YOU JUST ENTERED. IF THE DESCRIPTIONS DON'T LOOK CORRECT TOUCH THE MODIFY BUTTON, IF YOU WANT TO DELETE ONE TOUCH DELETE.	USE THE "PREVIOUS" AND "NEXT" BUTTONS, BELOW, TO VIEW ITEMS NOT SHOWN. MODIFY	VIBRATIONS DELETE:	IT OCCURES WHEN THE VEHICLE IS: MOVING-MOST LIKELY OCCURS WHEN I AM: CRUSING AT A CONSTANT SPEED, AT WHAT SPEED(MPH): 20 TO 45 - SECTION B2 WAS CHOSEN FOR THE VEHICLE'S DASH HOW OFTEN DOES THE SYMPTOM SHOW UP: ALWAYS - WHEN DID THE PROBLEM BEGIN: JUST STARTED - HOW MANY TIMES HAS THE PROBLEM BEEN WORKED ON: ONCE APPROXIMATELY HOW LONG AGO: A FEW DAYS AGO	PREVIOUS	OK BACK HELP

Fig. 25B

« »

VEHICLE ESTIMATE AND PICK-UP TIME:	YOUR PERSONAL SERVICE ADVISOR IS: HE OR SHE WILL CONTACT YOU AND PROVIE YOU WITH ANY ESTIMATED REPAIR COSTS A PICK-UP TIME FOR YOUR VEHICLE. IF YOU P AN APPROXIMATE COST AND PICK-UP TIME SEE YOUR SERVICE ADVISOR AFTER COMP! YOUR REPAIR ORDER. PLEASE CHOOSE YO!	PLEASE CONTACT ME O I WOULD LIKE TO SEE THE ADVISOR.		OK BACK HELP
ESTIMATED REPAIR COSTS:	AS FOLLOWS:		PLEASE KEEP IN MIND THE ACTUAL COSTS MAY BE HIGHER OR LOWER THAN THE ESTIMATE. WE WILL CONTACT YOU IF THE COST OF THE REPAIR IS HIGHER THAN THE ESTIMATE.	OK BACK HELP

Fig. 27

IKEY DEPOSITING INSTRUCTIONS:

PLEASE ACKNOWLEDGE THE FOLLOWING:

PLEASE ACKNOWLEDGE THE FOLLOWING: I HEREBY
AUTHORIZE THE REPAIR WORK HERE SET FORTH
TO BE DONE ALONG WITH THE NECESSARY
MATERIAL AND AGREE THAT (DEALER) IS NOT
RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE
OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE,
THEFT OR ANY OTHER CAUSE BEYOND YOUR
CONTROL OR FOR ANY DELAYES CAUSED BY
UNAVAILABILITY OF PARTS OR DELAYS IN PARTS
SHIPMENTS BY THE SUPPLIER OR TRANSPORTER.
I HEREBY GRANT YOU AND I OR YOUR EMPLOYEES
PERMISSION TO OPERATE THE VEHICLE HEREIN
DESCRIBED ON STREETS, HIGHWAYS OR ELSWHERE
FOR THE PURPOSE OF TESTING ANDI/ OR
INSPECTION. AN EXPRESS MECHANIC'S LIEN IS
HEREBY ACKNOWLEDGED ON VECHICLE TO SECURE
THE AMOUNT OF REPAIRS THERETO.
A STORAGE FEE OF NOT MORE THAN TEN DOLLARS
PER DAY, BEGINING ON THE FORTH DAY, MAY BE
CHARGED IF A MOTOR VECHICLE IS NOT REMOVED
WITHIN THREE DAYS AFTER THE CUSTOMER IS
NOTIFIED THAT REPAIRS HAVE BEEN COMPLETED,
EXCLUDING SATURDAYS, SUNDAYS AND LEGAL
APPROVED CREDIT CARD.

CUSTOMER ACKNOWLEDGES RECEIPT HEREOF:
PLEASE SIGN HERE:

| ERASE SIGNITURE

OK BACK HELP

Fig.

PLEASE DEPOSIT YOUR VEHICLE'S KEYS IN THE ENVELOPE PROVIDED. TEAR OFF THE ATTACHED RECEIPT AND PUT THE ENVELOPE IN THE IDENTIFIED LOCKING RECEPTACLE.

OK BACK HELP

Fig. 30

51/54 THANK YOU FOR CHOOSING
ASSIST IN YOUR SERVICE NEEDS. BUSINESS
CARDS ARE AVAILABLE AT THE DESK. IF YOU
HAVE ANY QUESTIONS, PLEASE CALL AT HEP H DOWNLOAD COMPLETE -A FINISHED REPAIR ORDER: -Š THANK YOU FOR CHOOSING
ASSIST IN YOUR SERVICE NEEDS. BUSINESS
CARDS ARE AVAILABLE AT THE DESK. IF YOU
HAVE ANY QUESTIONS, PLEASE CALL AT **SEND DATA** HELP A FINISHED REPAIR ORDER: 乡

Fig. 31B



CONTROL NO.

DATE: 7/13/98

TIME: 7:54:15 PM

PLATE: BRT-1234

VIN: 123456789

MILEAGE: 33225

DESCRIPTION: DODGE RAM 350, FORREST GREEN, 2001

PHONE #2: (303)333-4445

CITV/ST/ZIP: ANYTOWN, USA 12345

PHONE #1: (303)333-4444

ANTI-LOCK BRAKE SYSTEM

ADDRESS: 1234 HIS WAY ST

CUSTOMER: NAME: JOHN DOE

ANTI-LOCK BRAKE LIGHT IS ON CONSTANTLY.
ANTI-LOCK BRAKE LIGHT IS ON INTERMITTENTLY.
WHEN I BRAKE UNDER THE FOLLOWING CONDITIONS: NORMAL BRAKING ON DRY PAVED ROADS.
WHEN MY VEHICLE'S ENGINE TEMPERATURE READS: NORMAL
HOW OFTEN DOES THE SYMPTOM SHOW UP: ALWAYS

WHEN DID THE PROBLEM BEGIN: JUST STARTED SHOW MANY TIMES HAS THE PROBLEM BEEN WORKED ON: THREE TIMES AND OVER APPROXIMATELY HOW LONG AGO: A FEW DAYS AGO

ELECRTICALLY OPERATED COMPONENTS

52/54

INTERIOR LIGHT(S)
WARNING GUAGES OR LIGHTS.
HORN OR CIGAR LIGHTER / POWER SOCKET.
WHAT DID YOU NOTICE: CRACKED
WHAT DID YOU NOTICE: WARPED
WHAT DID YOU NOTICE: LOOSE
WHEN I START THE VEHICLE.

WHEN I TRY TO SET THE CONTROL

WHEN I OPEN A DRIVER-SIDE DOOR WHEN I TURN THE HEAD LIGHTS ON

SECTION C3 WAS CHOSEN FOR THE ELECTRICAL PROBLEM LOCATION. HOW OFTEN DOES THE SYMPTOM SHOW UP: ALWAYS

HOW MANY TIMES HAS THE PROBLEM BEEN WORKED ON: THREE TIMES AND OVER APPROXIMATELY HOW LONG AGO: A WEEK TO TWO WEEKS WHEN DID THE PROBLEM BEGIN: JUST STARTED

CONTINUED ON FIG. 32B)

GRAND TOTAL

TAX

(CONTINUED FROM FIG. 32A)

STEERING SYSTEM

VEHICLE PULLS RIGHT WHILE DRIVING. VEHICLE PULLS LEFT WHILE DRIVING. VEHICLE WANDERS LEFT OR RIGHT WHILE DRIVING. TOTAL PARTS: TOTAL LABOR: MATERIALS COST

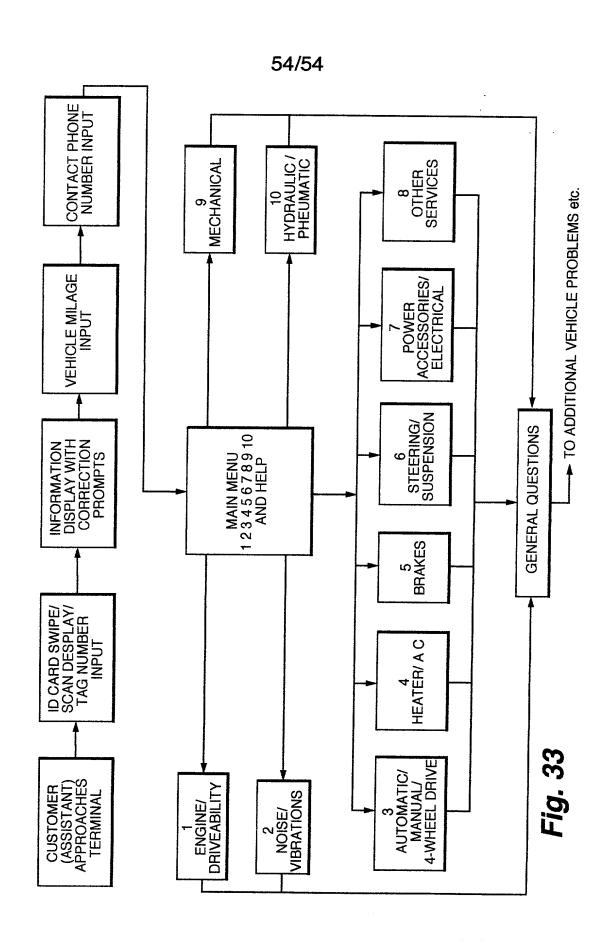
AUTHORIZATION: I AUTHORIZE THE ABOVE WORK TO BE PREFORMED AND AGREE TO THE TERMS OF THIS REPAIR ORDER. FURTHERMORE, I RELEASE ANY AND ALL LIABILITY TO RPM ENTERPRISES, INC. ON THE ABOVE VEHICLE INCLUDING, BUT NOT LIMITED TO: DAMAGE, THEFT, FAILURE OF RELATED REPAIR ITEMS, AND EXPRESSED OR IMPLIED WARRENTY OF ALL INSTALLED PARTS.

Jub 1. am

SIGNATURE:

Fig. 32B

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